

Converting Colors

HunterLab(23.6701, 22.3380,
16.5691)

Have a look what the booklet for
HunterLab(23.6701, 22.3380,
16.5691) contains.

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Color

**HunterLab(23.7676, 22.7970,
15.0446)**

Conversions

Conversions Part 1

Format	Color
Hex	782A00
RGB	120, 42, 0
RGB Percent	47%, 16%, 0%
CMY	0.5294, 0.8353, 1.0000
CMYK	0.00, 0.65, 1.00, 0.53
HSL	21°, 100%, 24%
HSV	21°, 100%, 47%
XYZ	8.5737, 5.6490, 0.6385
YIQ	60.5340, 59.9700, 3.4740

Conversions

Conversions Part 2

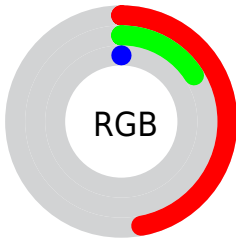
Format	Color
R_{YB}	120, 65, 0
Decimal	7875072
CIE Lab	28.51, 32.39, 40.02
CIE LCh	29, 51.485, 51.018
Yxy	5.6493, 0.5769, 0.3801
Android (android.graphics.Color)	4286065152 (0xFF782A00)
YUV	60.5340, -29.8433, 52.1517
Hunter-Lab	23.7676, 22.7970, 15.0446

Details

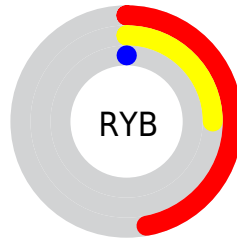
The HunterLab color **23.7676, 22.7970, 15.0446** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **26.0849, -3.8086, -24.3820**, and the grayscale version is **21.5271, -1.1486, 1.1696**.

A 20% lighter version of the original color is **41.5683, 25.4407, 22.0712**, and **10.2799, 17.6046, 6.6426** is the 20% darker color. If you saturate the color by 10%, you get **23.7682, 22.7951, 15.0449**, and if you desaturate by 10%, it is **25.0681, 19.8195, 14.9711**.

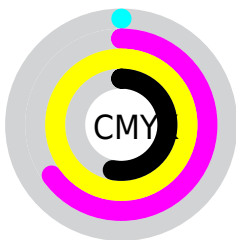
Distribution



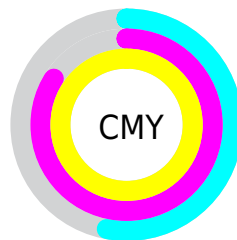
- Red (47%)
- Green (16%)
- Blue (0%)



- Red (47%)
- Yellow (25%)
- Blue (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (100%)
- Black (53%)



- Cyan (53%)
- Magenta (84%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7676, 22.7970, 15.0446 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 23.7676, 22.7970, 15.0446 by changing the saturation by 10% instead.

■ 23.7676, 22.7970,
15.0446

■ 23.7676, 22.7970,
15.0446

■ 124.8661, 30.8536,
41.7416

■ 16.2266, 21.3157,
11.3586

■ 41.4718, 25.3464,
22.0062

■ 9.7124, 19.7570,
6.7987

■ 51.4795, 26.4282,
25.1908

0.0000, INF, NaN

0.0000, NaN, NaN

■ 62.1834, 27.3958,
28.2097

0.0000, NaN, NaN

■ 73.5409, 28.2601,
31.0959

0.0000, NaN, NaN

■ 85.5163, 29.0305,
33.8748


0.0000, NaN, NaN

0.0000, NaN, NaN


■ 98.0793, 29.7150,


36.5657


0.0000, NaN, NaN


 111.2036, 30.3208,
39.1840


 23.7676, 22.7970,
15.0446


 23.7676, 22.7970,
15.0446


 23.7682, 22.7951,
15.0449

 25.0681, 19.8195,
14.9711

 26.5430, 16.7890,
14.7192

 28.1913, 13.8411,
14.1033

 29.9971, 11.0280,
13.1500

 31.9445, 8.3788,
11.8961

■ 34.0188, 5.9053,
10.3801

■ 36.2065, 3.6081,
8.6382

■ 38.4956, 1.4802,
6.7025

■ 40.8759, -0.4891,
4.6002

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



23.7683, 37.2602, 9.9186



23.7676, 22.7970, 15.0446



23.7683, 4.0144, 16.6378

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.7683, 22.7948, 15.0449



23.7683, -25.5871, 5.6280



23.7683, 11.5308, -49.3563

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



23.7676, 22.7970, 15.0446



26.0849, -3.8086, -24.3820

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



23.7683, -6.1287, -53.8886



23.7676, 22.7970, 15.0446



23.7683, -24.6165, -12.6614

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



23.7683, 22.7948, 15.0449



23.7683, -21.6071, 13.6755



23.7683, -18.4384, -37.4083



23.7683, 29.5968, -27.4864

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



23.7676, 22.7970, 15.0446



23.7683, -7.1611, 16.6378



23.7683, -18.4384, -37.4083



23.7683, 5.2586, -53.3632

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



23.7683, 22.7948, 15.0449



47.7992, 5.0015, 11.6354



21.3146, 39.0822, -6.2313



22.7812, 2.9313, 6.0600



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.7683, 22.7948, 15.0449



31.1502, 31.2324, 19.7414



36.7365, -3.5669, 22.5744



20.5508, -0.3307, 2.2007



24.7751, 23.9443, 15.6855



52.7441, 56.0233, 33.4815

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.0849, -3.8086, -24.3820



34.2231, -4.4662, -33.1346



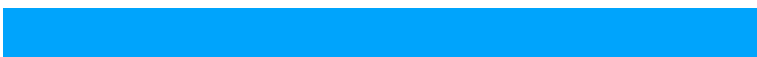
13.3742, 24.7291, -70.0994



20.7061, -1.8000, 0.0049



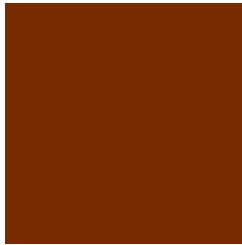
27.1955, -3.8999, -25.5733



57.9978, -6.2955, -58.9022

Previews

White Background



This preview shows how the HunterLab color 23.7676, 22.7970, 15.0446 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 23.7676, 22.7970, 15.0446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

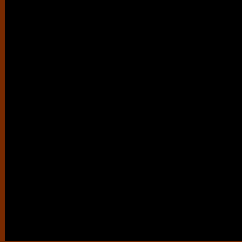
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 23.7676, 22.7970, 15.0446 Background



This preview shows how black text looks on a background with the HunterLab color 23.7676, 22.7970, 15.0446.



This preview shows how white text looks on a background with the HunterLab color 23.7676, 22.7970,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

23.7676, 22.7970, 15.0446

Protanopia

24.2086, -3.6174, 14.0020

Deuteranopia

24.0974, 0.9467, 14.8653



Tritanopia

23.8245, 25.8194, 9.9119

Trichromacy



Original Color

23.7676, 22.7970, 15.0446

Protanomaly

23.3936, 5.7737, 13.9339

Deuteranomaly

23.6197, 8.6092, 14.7051

Tritanomaly

23.7847, 24.6475, 12.6514

Monochromacy



Original Color

23.7676, 22.7970, 15.0446

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.3978, 5.6406, 7.9655

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7676, 22.7970, 15.0446 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(120, 42, 0)` looks like.

```
.text, #text, p{  
    color:rgb(120, 42, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(120, 42, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 42, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7676, 22.7970, 15.0446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(120, 42, 0) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(120, 42, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(120, 42, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 42, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 42, 0);  
box-shadow:4px 4px 4px 4px rgb(120, 42, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.7676, 22.7970, 15.0446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 42, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(120, 42,  
0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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